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**Whitman et al.**(10) **Pub. No.: US 2014/0232679 A1**(43) **Pub. Date: Aug. 21, 2014**(54) **SYSTEMS AND METHODS TO PROTECT  
AGAINST INADVERTANT ACTUATION OF  
VIRTUAL BUTTONS ON TOUCH SURFACES****Publication Classification**(51) **Int. Cl.**  
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USPC ..... **345/174; 345/173**(71) Applicant: **MICROSOFT CORPORATION,**  
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(US)(21) Appl. No.: **13/782,137**(22) Filed: **Mar. 1, 2013****Related U.S. Application Data**(63) Continuation-in-part of application No. 13/769,356,  
filed on Feb. 17, 2013.(57) **ABSTRACT**

Systems and methods of defending and/or guarding against inadvertent actuation of a virtual button upon a touch sensitive screen and/or device. A virtual button may be a touch sensor, set of touch sensors and/or touch areas upon a touch screen—the actuation of which may be associated with the execution of a process. In one embodiment, a virtual button may comprise a first touch area and a second guarding area. Certain touches and other conditions within the first touch area and/or second guarding area may be interpreted by the device as either intentional or inadvertent. If the touches are interpreted as inadvertent, then the process associated with the virtual button may be suppressed.

